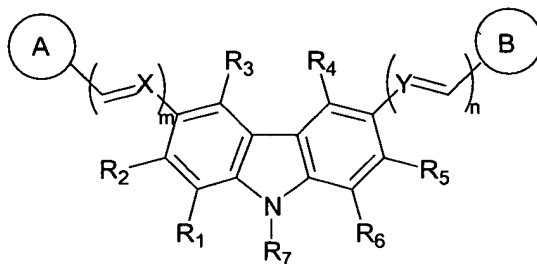


ABSTRACT

This invention relates to carbazole compounds of the following formula:



In the above formula, each of rings A and B, independently, is heteroaryl containing at least
 5 one nitrogen atom; each of X and Y, independently, is CH or N; each of R₁-R₆,
 independently, is H, C₁-C₈ alkyl, C₂-C₈ alkenyl, C₂-C₈ alkynyl, C₃-C₈ cycloalkyl, C₃-C₈
 heterocycloalkyl, aryl, heteroaryl, OH, C₁-C₆ alkoxy, aryloxy, heteroaryloxy, NH₂, C₁-C₆
 alkylamino, C₁-C₁₂ dialkylamino, arylamino, diarylamino, or halogen; R₇ is H, C₁-C₈ alkyl,
 C₂-C₈ alkenyl, C₂-C₈ alkynyl, C₃-C₈ cycloalkyl, C₃-C₈ heterocycloalkyl, aryl, heteroaryl; and
 10 each of m and n, independently, is 1, 2, or 3.